

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Y. Maruta

Serial No.: not assigned

Group Art Unit: not assigned

Filed: concurrently

Examiner: not assigned

For: Multi-Beam Antenna Transmitter/Receiver and Transmitting/Receiving Method
and Transmission Beam Selection Method

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

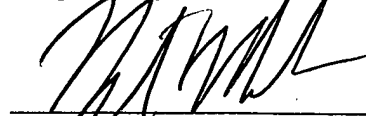
Under the provisions of 37 C.F.R. 1.97 through 1.98 and pursuant to applicants' duty of disclosure under 37 C.F.R. 1.56, applicant respectfully bring the following document and listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. A copy of each of the listed documents is provided herewith for the convenience of the Examiner.

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

It is respectfully requested that the listed references be considered by the Examiner and formally made of record in this application.

Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-2041.

Respectfully submitted,



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Complete if Known

Substitute for form 1449A&B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number		10/509017
				Filing Date		
				First Named Inventor		Yasushi Maruta
				Art Unit		
				Examiner Name		
Sheet	1	of	1	Attorney Docket Number		

U.S. PATENT DOCUMENT					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENT							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
	BA	JP	05-041607	A	02-19-1993	KOKUSAI DENSHIN DENWA CO LTD	Abstract
	BB	JP	10-285092	A	10-23-1998	MATSUSHITA ELECTRIC IND CO LTD	Abstract
	BC	JP	2001-251233	A	09-14-2001	TOSHIBA CORP	Abstract

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.